

October 31, 2007

TECTONICS
CHRISTOPHER KAMPF
905 HICKORY LANE
MANSFIELD OH 44905

Re: Description: WATER TREATMENT CHEMICAL INJECTION DEVICE
Manufacturer: TECTONICS
Product Name: TECTONICS VOR-TEC
Model Number(s): VT120B5F; VT120B10F; VT120U5F; VT120U10F; VT120U5FI; VT160U5FI;
VT120U10FH AND VT120U15FH
Product File No: 20070430

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of October 2012.

This approval is contingent upon compliance with the following stipulation(s):

- If these approved devices are modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.
- These products have undergone sufficient testing to document their ability to properly inject a chemical into a water supply system as specified in this approval letter.
- This approval letter recognizes that this product will inject air into the water supply system.
- For buildings not served by a municipal water supply, Department of Natural Resources (DNR) written approval may be required prior to installation of this product to inject a chemical into a water supply system. For more information contact the DNR Private Water Systems Section, P.O. Box 7921, Madison, WI 53707, telephone (608) 266-3415.

Based on testing data submitted to and reviewed by the department, this approval recognizes that these plumbing products will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

AESTHETIC CONTAMINANT REDUCTION CAPABILITIES
PRODUCT FILE NUMBER 20070430
TABLE 1 OF 1

Flow Rates: VT120B5F, VT120U5F, VT120U5FI and VT160U5FI = 18.9 liters per minute (lpm)
[5.0 gallons per minute (gpm)]

VT120B10F, VT120U10F and VT120U10FH = 37.9 lpm (10.0 gpm)

VT120U15FH = 56.8 lpm (15.0 gpm)

Tested Contaminant	Influent Challenge (mg/l) ¹
Hydrogen sulfide (H ₂ S)	≤ 5.0

Other Conditions: the contaminant reduction performance capabilities displayed for Table 1 of 1 were verified by field testing conducted at various locations in Florida. If sulfate reducing bacteria are present in the water, then additional treatment will be required.

¹ = mg/l are equivalent to parts per million (ppm)
≤ = less than or equal to

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
Engineering Consultant-Plumbing Product Reviewer
Bureau of Integrated Services
Safety and Buildings Division
Department of Commerce
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GWS:gws